



UNITED STATES PATENT AND TRADEMARK OFFICE

COPY OF PAPERS
ORIGINALLY FILED

06,12,02

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/092,342	03/05/2002	Eric T. Hoggis	T268.12-0051

CONFIRMATION NO. 7712

FORMALITIES LETTER

11/09/02 10:00:00 00007822782

OC000000007822782

Christopher R. Christenson
WESTMAN CHAMPLIN & KELLY
International Centre - Suite 1600
900 South Second Avenue
Minneapolis, MN 55402-3319

Date Mailed: 04/08/2002



NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 870.

The application is Informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

A copy of this notice **MUST** be returned with the reply.

AUG-01-2002 09:18

estman, Champlin & Kelly

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Page 2 of 2

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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY

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AUG-01-2002 09:16

Westman, Champlin & Kelly

612 334 3312 P.01/16

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Eric T. Heggs et al.

COPY OF PAPERS
ORIGINALLY FILED

06, 12, 02

Appln. No.: 10/092,342

Filed : March 5, 2002

Group Art Unit:1744

For : AUTOMATED ENVIRONMENTAL
ANALYTIC SYSTEM WITH IMPROVED
SAMPLE THROUGHPUT

Docket No.: T268.12-0051

CERTIFICATION OF TELEFACSIMILE TRANSMISSION

Commissioner for Patents
Washington, D.C. 20231

VIA FACSIMILE: 703-746-4060

Sir:

I certify that the following papers are being
telefacsimile transmitted to the U.S. Patent and Trademark Office
on the date shown below:

1. Certification of Mailing
2. Request for Substitute Papers
3. Notice to File Missing Parts
4. Response to Notice to File Missing Parts
5. Fee Calculation Sheet
6. Executed Declaration in Original Application
7. Letter to Official Draftsperson
8. (3) sheets formal drawings

WESTMAN, CHAMPLIN & KELLY, P.A.

Date: 8-1-02

By:

Christopher R. Christenson, Reg. No. 42,413
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

CRC:ajm

16 PAGES - INCLUDING COVER PAGE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Eric T. Heggs et al.

Appln. No.: 10/092,342

Filed : March 5, 2002

For : AUTOMATED ENVIRONMENTAL
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Docket No.: T268.12-0051

COPY OF PAPERS
ORIGINALLY FILED

06,12,02

Group Art Unit:1744

CERTIFICATION OF MAILING

Commissioner for Patents
Washington, D.C. 20231

VIA FACSIMILE: 703-746-4060

Sir:

Attached is a Request for Substitute Papers. Also attached are a complete and accurate copy of the Notice to File Missing Parts of Nonprovisional Application, Response to Notice to File Missing Parts, Fee Transmittal, executed Declaration in Original Application, Letter to Official Draftsperson and three sheets formal drawings that were mailed on June 4, 2002. This is to certify that the date of mailing shown on the papers is accurate, and that on that day, to the best of my knowledge and belief, I signed the papers, and put on the date of mailing, and on that day the papers were placed into the mail system of the undersigned attorney's firm.

It is believed that the papers were mailed on the day shown, namely June 4, 2002.

-2-

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Christopher R. Christenson, Reg. No. 42,413
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

CRC:ajm



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Eric T. Heggs et al.

Appln. No.: 10/092,342

Filed : March 5, 2002

For : AUTOMATED ENVIRONMENTAL
ANALYTIC SYSTEM WITH
IMPROVED SAMPLE THROUGHPUT

Docket No.: T268.12-0051

COPY OF PAPER
ORIGINALLY FILED:06.12.02

Group Art Unit: 1744

Examiner: ---

LETTER TO OFFICIAL DRAFTSPERSON

Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231, THIS

4th DAY OF June, 2002
PATENT ATTORNEY

Sir:

Enclosed are ~~three~~ (3) sheets of formal drawings for
filing in the above-identified application.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Christopher R. Christenson, Reg. No. 42,413
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

CRC:ajm

FEE TRANSMITTAL



Complete if Known

COPY OF PAPERS
ORIGINALLY FILED

Application No.	10/092,342
Filing Date	March 5, 2002 <i>06/12/02</i>
First Named Inventor	Eric T. Heggs et al.
Title	AUTOMATED ENVIRONMENTAL ANALYTIC SYSTEM WITH IMPROVED SAMPLE THROUGHPUT
Group Art Unit	1744
Examiner Name	
Atty. Docket Number	T268.12-0051

Total Amount of Payment \$ 870

METHOD OF PAYMENT (Check One)

FEE CALCULATION (Continued)

1. ☒ The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.18 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 23-1123.
Westman, Champlin & Kelly, P.A.

2. ☒ Check Enclosed

FEE CALCULATION

3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)
105	130	205 65 Surcharge - Late filing fee or oath	130
127	50	227 25 Surcharge - Late provisional Filing Fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For Filing a Request for Reexamination. (ex parte)	
115	110	215 55 Extension for reply within first month	
116	400	216 200 Extension for reply within second month	
117	920	217 460 Extension for reply within third month	
118	1,440	218 720 Extension for reply within fourth month	
126	1,960	280 980 Extension for reply within fifth month	
120	320	220 160 Filing a brief in support of an appeal	
121	280	221 140 Request for oral hearing	
148	110	248 55 Terminal Disclaimer Fee	
140	110	240 55 Petition to Revive - unavoidable	
141	1,310	241 670 Petition to Revive - unintentional	
142	1,310	242 670 Utility/Reissue issue fee (inc. advance copies)	
143	490	243 260 Design issue fee (inc. advance copies)	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Petitions related to provisional applications	
126	180	126 180 Submission of Information Disclosure Statement	
581	40	581 40 Recording each patent assignment per property (times number of properties)	

Other Fee (specify) _____

Subtotal (2) \$ 0

Subtotal (3) \$130

1. BASIC FILING FEE

Large Entity		Small Entity		
Fee	Fee	Fee	Fee	
<u>Code</u>	<u>(\$)</u>	<u>Code</u>	<u>(\$)</u>	<u>Fee Description</u>
101	740	201	370	<input checked="" type="checkbox"/> Utility Filing Fee
106	330	206	165	<input type="checkbox"/> Design Filing Fee
108	740	208	370	<input type="checkbox"/> Reissue Filing Fee
114	160	214	80	<input type="checkbox"/> Prov. Filing Fee

Subtotal (1) \$ 740

2. EXTRA CLAIM FEES

	Number Claims	Prior**	Extra	Fee from Below	Fee Paid
Total	15	20	0	18	0
Indep.	2	3	0	84	0

Multiple Dependent Claims

** Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity		Small Entity		Description
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple Dependent Claims
109	84	209	42	Reissue Independent Claims over Original Patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

Signature Christopher R. ChristansonReg. No. 42,413Date 6/4/02Deposit Account No. 23-1123

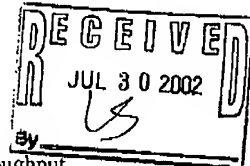


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

Application Number	Filing Date	First Named Applicant	Atty. Docket No.
10/092,342	03/05/2002	Heggs, Eric	T268.12-0051

Christopher R. Christenson
WESTMAN CHAMPLIN & KELLY
International Centre - Suite 1600
900 South Second Avenue
Minneapolis MN 55402-3319



Title: Automated environmental analytic system with improved sample throughput

Date Mailed: 07/26/2002



Request for Substitute Papers

The papers filed on 06/12/02 (certificate of mailing dated 06/04/02) are no longer in condition to become part of the permanent records of the United States Patent and Trademark Office (USPTO) for this application (37 CFR 1.52(a)) due to the United States Postal Service sanitization process.

The USPTO requests that applicant provide a copy of the above-identified papers (except for any U.S. or foreign patent documents submitted with the above-identified papers) with a statement that such copy is a complete and accurate copy of the above-identified papers (signing and returning a copy of this notice will provide such a statement). The reply to this letter should be submitted to the USPTO by facsimile at the number indicated **703-746-4060(OIPE)**.

Alternatively, the reply to this letter may be hand-carried to the Customer Service Window located in Room 1B03 of Crystal Plaza Building 2, Arlington, Virginia, 22202.

The USPTO **strongly** prefers that the reply to this letter be submitted by facsimile. However, if applicant cannot submit the reply to this letter by facsimile (or hand-delivery), the reply may be mailed to: Box Duplicate OIPE, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-2327.

This letter is not a notice under 37 CFR 1.251. However, failure to timely replay to this notice within **two (2) weeks** of the date of receipt of this letter may result in the USPTO issuing a notice under 37 CFR 1.251. **A copy of this notice should be included with the reply.**

The enclosed papers are a complete and accurate copy of the above-identified papers.

Name: Christopher R. Christenson Registration No.: 42,413

Signature: [Signature] Date: August 1, 2002